SEQUENCE LISTING

```
<110> Dolly, Oliver J.
      Aoki, Kei Roger
      De Paiva, Anton

<120> Compositions and Methods for Modulating
   Neural Sprouting

<130> 17259

<150> 60/083,472
<151> 1998-04-29

<160> 4

<170> FastSEQ for Windows Version 3.0

<210> 1
<211> 258
<212> PRT
<213> Homo sapiens

<400> 1
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Gly Pro Ser Leu Gly Asp Glu Ala Ile His Cys Pro Pro Cys Ser Glu
            20                  25                  30
Glu Lys Leu Ala Arg Cys Arg Pro Pro Val Gly Cys Glu Glu Leu Val
        35                  40                  45
Arg Glu Pro Gly Cys Gly Cys Cys Ala Thr Cys Ala Leu Gly Leu Gly
    50                  55                  60
Met Pro Cys Gly Val Tyr Thr Pro Arg Cys Gly Ser Gly Leu Arg Cys
65                  70                  75                  80
Tyr Pro Pro Arg Gly Val Glu Lys Pro Leu His Thr Leu Met His Gly
                85                  90                  95
Gln Gly Val Cys Met Glu Leu Ala Glu Ile Glu Ala Ile Gln Glu Ser
                100                 105                 110
Leu Gln Pro Ser Asp Lys Asp Glu Gly Asp His Pro Asn Asn Ser Phe
        115                 120                 125
Ser Pro Cys Ser Ala His Asp Arg Arg Cys Leu Gln Lys His Phe Ala
    130                 135                 140
Lys Ile Arg Asp Arg Ser Thr Ser Gly Gly Lys Met Lys Val Asn Gly
145                 150                 155                 160
Ala Pro Arg Glu Asp Ala Arg Pro Val Pro Gln Gly Ser Cys Gln Ser
                165                 170                 175
Glu Leu His Arg Ala Leu Glu Arg Leu Ala Ala Ser Gln Ser Arg Thr
            180                 185                 190
His Glu Asp Leu Tyr Ile Ile Pro Ile Pro Asn Cys Asp Arg Asn Gly
            195                 200                 205
Asn Phe His Pro Lys Gln Cys His Pro Ala Leu Asp Gly Gln Arg Gly
    210                 215                 220
Lys Cys Trp Cys Val Asp Arg Lys Thr Gly Val Lys Leu Pro Gly Gly
225                 230                 235                 240
Leu Glu Pro Lys Gly Glu Leu Asp Cys His Gln Leu Ala Asp Ser Phe
                245                 250                 255
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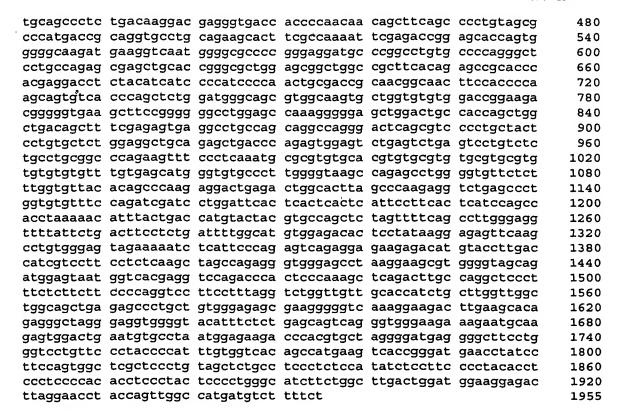
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<210> 2
<211> 272
<212> PRT
<213> Homo Sapiens

<400> 2
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Met	Val	Leu	Leu	Thr	Ala	Val	Leu	Leu	Leu	Leu	Ala	Ala	Tyr	Ala	Gly
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Pro Ala Gln Ser Leu Gly Ser Phe Val His Cys Glu Pro Cys Asp Glu
         20   25   30

Lys Ala Leu Ser Met Cys Pro Pro Ser Pro Leu Gly Cys Glu Leu Val
            35   40   45

Lys Glu Pro Gly Cys Gly Cys Cys Met Thr Cys Ala Leu Ala Glu Gly
      50   55   60

Gln Ser Cys Gly Val Tyr Thr Glu Arg Cys Ala Gln Gly Leu Arg Cys
65   70   75   80

Leu Pro Arg Gln Asp Glu Glu Lys Pro Leu His Ala Leu Leu His Gly
         85   90   95

Arg Gly Val Cys Leu Asn Glu Lys Ser Tyr Arg Glu Gln Val Lys Ile
         100   105   110

Glu Arg Asp Ser Arg Glu His Glu Glu Pro Thr Thr Ser Glu Met Ala
         115   120   125

Glu Glu Thr Tyr Ser Pro Lys Ile Phe Arg Pro Lys His Thr Arg Ile
         130   135   140

Ser Glu Leu Lys Ala Glu Ala Val Lys Lys Asp Arg Arg Lys Lys Leu
145   150   155   160

Thr Gln Ser Lys Phe Val Gly Gly Ala Glu Asn Thr Ala His Pro Arg
            165   170   175

Ile Ile Ser Ala Pro Glu Met Arg Gln Glu Ser Glu Gln Gly Pro Cys
         180   185   190

Arg Arg His Met Glu Ala Ser Leu Gln Glu Leu Lys Ala Ser Pro Arg
         195   200   205

Met Val Pro Arg Ala Val Tyr Leu Pro Asn Cys Asp Arg Lys Gly Phe
      210   215   220

Tyr Lys Arg Lys Gln Cys Lys Pro Ser Arg Gly Arg Lys Arg Gly Ile
225   230   235   240

Cys Trp Cys Val Asp Lys Tyr Gly Met Lys Leu Pro Gly Met Glu Tyr
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Val Asp Gly Asp Phe Gln Cys His Thr Phe Asp Ser Ser Asn Val Glu
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<211> 1955
<212> DNA
<213> Homo Sapiens

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ccgccgggcc cgggccgagc ctgggcgacg aagccatcca ctgcccgccc tgctccgagg      180
agaagctggc gcgctgccgc ccccccgtgg gctgcgagga gctggtgcga gagccgggct      240
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gttgcggctc gggcctgcgc tgctacccgc cccgagggggt ggagaagccc ctgcacacac      360
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        <210> 4
        <211> 1722
        <212> DNA
        <213> Homo sapiens


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        tcgaagagga ggtggcaaag tgggagaaaa gaggtgttag ggtttggggt ttttttgttt   180
        ttgttttgt ttttaatttt cttgatttca acattttctc ccaccctctc ggctgcagcc   240
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        ggtgtatttt agattttaag caaaaatttt aaagataaat ccattttct ctcccacccc   360
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